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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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OPP OFFICIAL RECORD
HEALTH EFFECTS DIVISION
SCIENTIFIC DATA REVIEWS
EPA SERIES 361

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OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MEMORANDUM

DATE: 13-AUG-2001

SUBJECT: PP# 0F06088. **IMAZAMOX IN/ON ALFALFA, CANOLA, LEGUME VEGETABLES, AND WHEAT. HED Risk Assessment.**
Barcode D276570. PC Code 129171. Case 292469. Submission S573269.

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Registration Action Branch 1 (RAB1)
Health Effects Division (HED) (7509C)

THROUGH: G. Jeffrey Herndon, Branch Senior Scientist *G. Jeffrey Herndon*
RAB1/HED (7509C)

TO: Jim Tompkins, PM Team 25
Registration Division (7505C)

The Health Effects Division (HED) of the Office of Pesticide Programs (OPP) is charged with estimating the risk to human health from exposure to pesticides. The Registration Division (RD) of OPP has requested that HED evaluate hazard and exposure data and conduct dietary, occupational, residential and aggregate exposure assessments, as needed, to estimate the risk to human health that will result from proposed uses of imazamox in/on alfalfa, canola, legume vegetables, and wheat.

In a meeting held on 12-JUN-2001, the Hazard Identification Assessment Review Committee (HIARC) determined that the toxicological profile of imazamox supports a tolerance exemption for this chemical as no adverse effects were observed in the submitted toxicological studies regardless of the route of exposure (HED Doc. No. 014611, P.V. Shah, 11-JUL-2001). The tolerance exemption recommendation of the HIARC removed all residue chemistry data requirements (D263875, W. Donovan, 26-JUL-2001). Thus, no dietary, occupational, residential

or aggregate exposure assessments are needed for HED to conclude with reasonable certainty that dietary and non-dietary exposures to imazamox do not pose a significant human health risk.

Recommendation for Tolerances and Registration

HED concludes there are no toxicology or residue chemistry data requirements that would preclude the establishment of a tolerance exemption for imazamox. Due to its lack of toxicity, a human-health risk assessment is not needed.

cc: W. Donovan, PV Shah, T. Swackhammer, D. Vogel
RDI: RAB1 Chemists (09-AUG-2001), G. Herndon (09-AUG-2001)
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Chemical:	3-Pyridinecarboxylic acid, 2-(4,5-dihydr
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